

Work Order ID 128792

Tuesday, January 27, 2015 7:48:05 AM

128792

Page 1

Item ID: D4711-043 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Expandable Pin Assembly 12 12 C/L 1502/03
 Start Date: 1/26/15 Start Qty: 6.00 ***6*** Cust Item ID:
 Required Date: 1/26/15 Req'd Qty: 6.00 ***6*** Customer:
 Reference:

Approvals: Process Plan: MJ Date: 15-01-28 Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D4711	C								

100 0.00

100

Purchasing

Purchasing

Memo

Issue P/O: 27314
 Possible supplier: Mc Master Carr
 Supplier P/N: 97787A661
 Material release note is required

0.00

C/L 15/02/03 (12)

110

Receive & Inspect for Damage & Mat'l Certs

0.00

110

Packaging

Packaging

Memo

0.00

12 MAR 02 2015 DAG
95
9-89

120

QC6- Inspect dimensions to drawing

0.00

120

QC

Quality Control

Memo

0.00

(15) 15-03-02 DAG
9
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Page 2

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Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location: <u>51724</u>	0.00				<u>12</u>			
130							DAG		
Packaging	Memo	0.00					95		
Packaging							9-09		MAR 02 2015
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

MU 1503-03

AG-3-3

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Design									
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Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other _____ _____ _____ _____
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Picklist Print

Tuesday, January 27, 2015 7:48:05 AM

Page 1

Work Order ID: 128792

128792

Parent Item: D4711-043

D4711-043

Parent Item Name: Expandable Pin Assembly

Start Date: 1/26/15

Required Date: 1/26/15

Start Qty: 6.00

Required Qty: 6.00

Comments: IPP REV:B 12.10.16 AS PER DWG REV.A DD VERF:JFS

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
97787A661		Purchased	No			110	Each	0.0000	1	6			
97787A661									**	<u>12</u>			
Expandable Pin												MAR 02 2015	

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

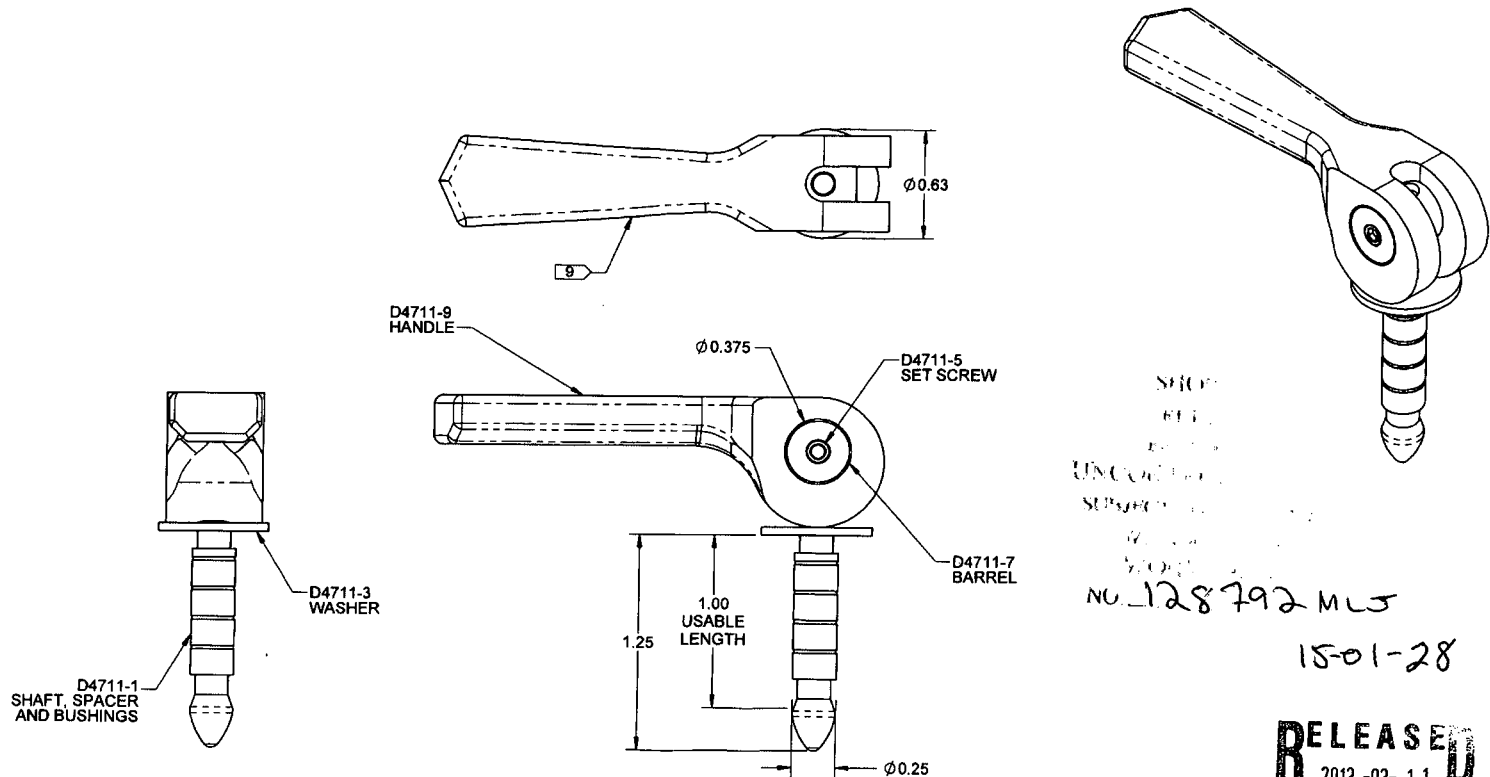
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SPECIFICATION CONTROL DRAWING



D4711-043 EXPANDABLE PIN ASSY

NOTES:

- 1) MATERIAL: CORE PIN, SPLIT RINGS & BARREL: STAINLESS STEEL 17-4 PH CONDITION H925 PER AMS 5643
- 2) FINISH: N/A
- 3) TOLERANCES: N/A
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.14 lbs
- 8) RECOMMENDED SUPPLIER: MCMASTER CARR P/N 97787A661
- 9) HANDLE, BARREL AND SET SCREW TO BE DISCARDED AT NEXT HIGHER ASSEMBLY

DESIGN	RP	DART AEROSPACE USA, INC.	
DRAWN	AP	KENT, WA	
CHECKED	AS	DRAWING NO.	REV. C
MFG. APPR.	AT	D4711	SHEET 2 OF 2
APPROVED	AT	TITLE	SCALE
DE APPR.	AT	ADJUSTABLE DIAMETER PIN	NTS
DATE	13.02.12	COPYRIGHT © 2012 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMPILED OR CONVEYED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	

SHIP
KIT
UNCOMPLETED
SUPERVISOR
NO. 128792 MLJ

1501-28

RELEASED
2013-03-11



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO27314**

Purchase Order Date 2/3/2015

PO Print Date 2/3/2015

Page Number 1 of 2

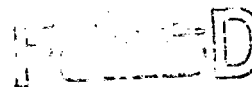
Order From :

VU-MCM001

Ship To : DART AEROSPACE LTD

MCMaster-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA



Contact Name

Buyer

Chantal Lavoie

Vendor Phone

330 995 5500

Customer POID

Customer Tax #

10127-2607

Ship To Contact

Terms

Net 10

Ship To Phone

Currency

USD

Ship Via:

Purolator ground ppd

FOB

FCA - (Free Carrier)

Ship Acct:

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	97787A661	Expandable Pin	2/11/2015 Yes 2/11/2015		12.00 Each	\$255.82	\$3,069.84
AS PER DWG D4711 REV. C B128792 QUOTE # 67950 (MCMaster P/N: 97787A999)							
Line Total:							\$3,069.84
2	71401-45	PROCUREMENT QUALITY CLAUSES	2/11/2015 No 2/11/2015		1.00	\$0.00	\$0.00
PROCUREMENT QUALITY CLAUSES A005 RIGHT OF ENTRY A016 PERSONNEL QUALIFICATION A025 CERTIFICATE OF CONFORMANCE A040 NOTIFICATION OF QUALITY ESCAPE A042 DART NOTIFICATION BY SUPPLIER A043 RETENTION OF QUALITY DOCUMENTS							

15/03/12
SV

Note:

2/3/2015



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO27314

Purchase Order Date 2/3/2015

PO Print Date 2/3/2015

Page Number 2 of 2

Order From :

MCMaster-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

VU-MCM001

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

330 995 5500

Ship To Contact

Ship To Phone

Ship Via:

Purolator ground ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 10

Currency

USD

FOB

FCA - (Free Carrier)

Line Total: \$0.00

PO Total: \$3,069.84

W
CL

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 2/3/2015



McMASTER-CARR®

Quotation

330-995-5500
330-995-9600 (fax)
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Quote
67950

Date
1/22/15

Line	Product	Quantity	Available	Price	Total
1	97787A999 Expanding Diameter Quick-Release Pin, 1/4" Diameter, 1" Usable Length, , P/N EGP4C16	12 each	1 week	255.82 each	3,069.84
				Merchandise	\$3,069.84

Notes

Applicable shipping charges and Canadian
GST/HST will be added.

Prices good through 2/21/15.
Your order is subject only to our terms and conditions, available at
www.mcmaster.com or from our Sales Department.

Chantal Lavoie

From: McMaster-Carr <cle.sales@mcmaster.com>
Sent: Thursday, January 22, 2015 9:01 AM
To: Chantal Lavoie
Subject: RE: 97787A661
Attachments: winmail.dat; Quotation 67950 from McMaster-Carr.pdf

Hi Chantal,

There is a small quantity of the discontinued pins available for \$255.82 each, and they can ship in 1 week. The part number is 97787A999. Let us know if you would like to return the pins you have, and we can issue a return label.

John

From: cle.sales@mcmaster.com
Sent: Wednesday, January 21, 2015 4:03 PM
To: Chantal Lavoie <clavoie@dartaero.com>
Subject: RE: 97787A661

Hi Chantal,

We did change suppliers for these quick release pins (part number 97787A661) due to our old source discontinuing them. I am currently checking to see if any existing inventory exists from our old source, and will have an answer for you tomorrow.

John

From: Chantal Lavoie <clavoie@dartaero.com>
Sent: Tuesday, January 20, 2015 8:29 AM
To: cle.sales@correspondence.mcmaster.com
Subject: FW: 97787A661

Good morning,

We place and order for item 97787A661 x 12 pcs on po26808, we have received them but they are not the same as previous order. Please see attached for picture and packing slip.

Not sure if you guys change supplier, please advise would need to exchange them.

Thanks

Chantal

-----Original Message-----

From: Linda Lacelle
Sent: Tuesday, January 20, 2015 9:14 AM
To: Chantal Lavoie
Subject:

McMaster-Carr Supply Company 200 Aurora Industrial Pkwy Aurora, OH 44202-8087 USA Phone: 330-995-5500 Fax: 330-995-9600 E-Mail: cle.sales@mcmaster.com Employer Identification Number (EIN): 36-1458720		Invoice: 24049352 Purchase Order: PO27314 Release: McMaster-Carr Number: 6757580-01		ORIGINAL COMMERCIAL INVOICE CERTIFICATE OF ORIGIN	
Ultimate Destination: Dart Aerospace Ltd 1270 Aberdeen St Hawkesbury ON K6A 1K7 Canada		Shipped: 27-Feb-2015		FOB: ORIGIN	
Intermediate Consignee:		Shipper's Export Declaration (SED): NO EEI 30.36			
Forwarding Agent:		Bill To: Dart Aerospace Ltd 1270 Aberdeen St Hawkesbury ON K6A 1K7 Canada			
		Tax Number:			
		Billing Attention:			
		Shipping Attention:			
		Contact:			

Line	Description	Qty & Unit	Unit Price	Extension
1	97787A999 Expanding Diameter Quick-Release Pin, 1/4" Diameter, 1" Usable Length, , P/N EGP4C16 Country of Origin: United States Schedule B #: 731829 ECCN #: 9A991 NLR NOTE Tracking number(s) for this shipment: MFA004097230	12 EA <i>15/2/2</i> <i>SP</i>	\$255.82	\$3,069.84
Your order is subject only to our terms and conditions, available at www.mcmaster.com or from our Sales Department. These commodities, technology, or software were exported from the United States in accordance with Export Administration regulations. Diversion contrary to US law is prohibited.				
Shipping Weight (in kgs): 1		Number of Packages: 1		Invoice Amounts
Package Dimensions: 8 X 17 X 25 CM = .003 CUBIC M		Merchandise Amount: \$3,069.84 Canadian GST/HST: \$400.65 Shipping Charges: \$12.07 Total (In USD): \$3,482.56		
		Payment Terms: 2% discount on merchandise only if paid within 10 days, net 30 days		
Authorized Signature: <i>Sarah Weinberg</i>		Date: 27-Feb-2015		
Name: Sarah Weinberg		Title: Operations Mgr.		
		Remit payment to: (by wire transfer) Bank of America Illinois 231 S LaSalle Chicago, IL 60697 ABA 071000039 Account 86666-02021 SWIFT BOFAUS3N		

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO27314

Order Placed By
Chantal Lavoie

McMaster-Carr Number
6757580-01

Page 1 of 1
02/27/2015

Line	Product	Ordered	Shipped
1	97787A999 Expanding Diameter Quick-Release Pin, 1/4" Diameter, 1" Usable Length, , P/N EGP4C16	12 Each	12

15/03/2
54